

List of Current Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 8 (Cancelled).

9. (Currently Amended) A relative pressure measuring transmitter, comprising:

a housing;

an insert arranged in said housing;

a gap between said housing and said insert;

a relative pressure sensor; [[and,]]

an electronic circuit being situated in the interior of said insert; and

a reference pressure supply line connected to said relative pressure sensor, ~~which~~ said reference pressure supply line leads into said insert, vents on an outer wall of said insert, and has an interior, which is connected with said gap via an opening in said insert[[:]], wherein;

a bore passes through said housing, for placing said gap in communication with an environment of said relative pressure measuring transmitter[[:]].

said insert comprises a moisture-resistant material, especially a plastic;
and

in the interior of said insert, an electrically conductive layer is provided,
which encloses an inner space of said insert, to protect said electronic circuit
against electromagnetic interference.

Claims 10 - 11 (Cancelled).

12. (Previously presented) The relative pressure measuring transmitter as claimed in 9, wherein:

said gap is bounded by two seals compressed between said housing and said insert.

13. (Previously presented) The relative pressure measuring transmitter as claimed in 9, wherein:

a direct connection in said gap between said bore and said opening extends over a circular segment about a longitudinal axis of said insert or said housing.

14. (Previously presented) The relative pressure measuring transmitter as claimed in 9, wherein:

said bore in said housing is located on a side of said insert lying opposite to said opening.

15. (Previously presented) The relative pressure measuring transmitter as claimed in 9, wherein:

said bore has a length of at least six millimeters, and a pin is inserted into said bore.

16. (Previously presented) The relative pressure measuring transmitter as claimed in 9, wherein:

said opening is closed by a moisture-rejecting, gas-permeable filter.